

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. PET 1926



IN RE APPLICATION OF: Blaise DIDILLON et al.

SERIAL NO: 09/819,949

FILING DATE: March 29, 2001

FOR: PROCESS FOR DESULPHURIZING GASOLINE, COMPRISING DESULPHURIZATION OF THE HEAVY AND INTERMEDIATE FRACTIONS RESULTING FROM FRACTIONATION INTO AT LEAST THREE CUTS

GAU: 1764

EXAMINER: Griffin, Walter Dean

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AMENDMENT TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☐ No additional fee is required.
- ☐ Applicant(s) is/are entitled to small entity status.
- ☐ Additional documents filed herewith:

I hereby certify that this correspondence is being deposited with the U.S. Postal Services as First Class Mail in an envelope addressed to:
Assistant Commissioner For Patents,
Washington, D.C. 20231 on: November 7, 2002

Name: James E. Kuland Reg. No. 37,432
Signature: [Signature]
Date: November 7, 2002

The fee has been calculated below:

CLAIMS	CLAIMS REMAINING		HIGHEST NO. PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS	RATE		CALCULATIONS
TOTAL	21	MINUS	20	1	x	\$18 =	\$18.00
INDEPENDENT	5	MINUS	3	2	x	\$84 =	\$168.00
	<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS						
	TOTAL OF ABOVE CALCULATIONS						\$186.00
	<input type="checkbox"/>						
	<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY						\$0.00
	<input type="checkbox"/> RECORDATION OF ASSIGNMENT				+	\$40 =	\$0.00
	TOTAL						\$186.00

- ☒ A check in the amount of \$186.00 is attached.
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.36 for any necessary extension of time may be charged to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

[Signature]
James E. Kuland, Registration No. 37,432
Attorney/Agent for Applicants

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Date: November 7, 2002



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Blaise DIDILLON et al.

Examiner: Griffin, Walter Dean

Serial No.: 09/819,949

Group Art Unit: 1764

Filed: March 29, 2001

Title: PROCESS OF DESULPHURIZING GASOLINE COMPRISING
DESULPHURIZATION OF THE HEAVY AND INTERMEDIATE
FRACTIONS RESULTING FROM FRACTIONATION INTO AT LEAST
THREE CUTS

REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

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Assistant Commissioner For Patents,
Washington, D.C. 20231 on: November 7, 2002
Name: James E. Rums Res No 37, 932
Signature: [Signature]
Date: November 7, 2002

Sir:

In response to the office action dated August 7, 2002, please amend the above-identified
application as follows:

IN THE CLAIMS:

Please amend claims 11-15 and 21 as follows.

11. (Amended) A process of producing gasoline with a low sulfur content from a gasoline
feedstock containing sulfur compounds diolefins, olefins, aromatics, nitrogen and acetylenic
compounds, said process comprising at least the following steps:

- (a1) conducting at least one selective hydrogenation of the diolefins and acetylenic
compounds contained in the feedstock,
- (b) conducting at least one separation of effluent obtained at the end of step a1 into at
least three fractions: a light fraction containing olefins, and from which substantially all of
the sulfur has been removed, a heavy fraction in which most of the sulfur compounds initially
contained in the gasoline feedstock is concentrated, and at least one intermediate fraction,

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